Ontario

Ministry of Natural Resources

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

Ministry of Northern Affairs

Hon. Leo Bernier
Minister

David Hobbs
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

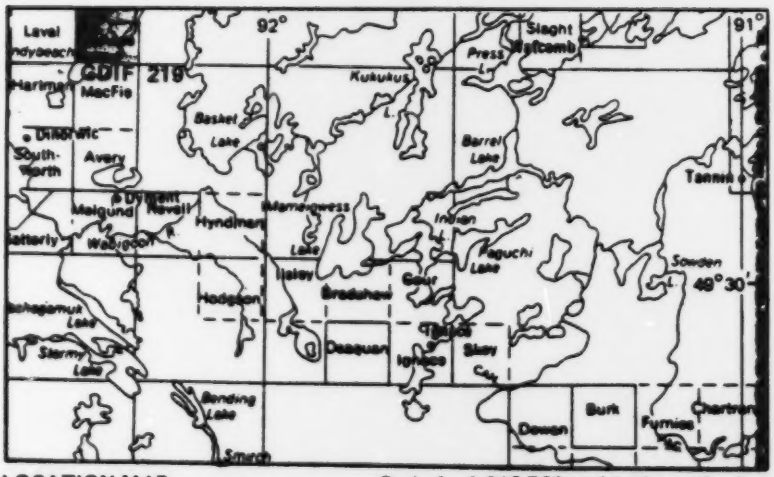
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 219

McAREE TOWNSHIP

DISTRICT OF KENORA

Compiled by the Staff of
the Resident Geologist's Office
Sioux Lookout



LOCATION MAP

Scale 1 : 1 013 760 or 1 inch to 16 miles

86-0823/

NTS Number 52 F/16 SW , 52 F/16 NW

Mining Claim Map Number M-2254

This project was funded by the Ontario Ministry of Northern Affairs through the Northern Ontario Geological Survey (NOGS) Program.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1985: McAree Township, District of Kenora; Ontario Geological Survey, Geological Data Inventory Folio 219, compiled by the satff of the Resident Geologist's Office, Sioux Lookout, 22p. and 3 maps.

Original Compilation by: M. Sawtelle , J.W. Redden 1982, 1983, 1984

Date	Page Revised	Revised by

Date	Page Revised	Revised by

McAREE TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map - 2 maps

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	MOPS
2	Assessment Files Research Office, Toronto		
3	ODM General Index; 7 volumes	Yes	MOPS
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	MOPS
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	MOPS
6	ODM Industrial Mineral Reports	No	MOPS
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	MOPS
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	MOPS
9	Newspaper Clippings File	Yes	MOPS
10	GSC Index to Publications	Yes	MOPS
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	MOPS
12	OGS Index Maps	Yes	MOPS
13	Source Mineral Deposit Records (O.G.S.)	No	MOPS
14	Author - Subject Articles File	No	MOPS
15	Miscellaneous Papers: ODM & OGS	No	MOPS
16	ODM Geological Circulars: OGS Study Series	No	MOPS
17	ODM Preliminary Reports: ODM Bulletins	No	MOPS
18	ODM – OGS Open File Reports	Yes	MOPS
19	OGS Northern Ontario Engineering Geology Terrain Studies	No	MOPS
20	OGS Aggregate Resources Inventory Papers	No	MOPS
21	OGS Mineral Potential Maps	Yes	MOPS
22	Aerial Photographs filed in Sioux Lookout and Kenora	Yes	MOPS

METALS AND MINERALS REFERENCES LIST

- Δ anh. . . . . Anhydrite
- Δ ank. . . . . Ankerite
- Δ anna . . . . . Annabergite
- Δ ap. . . . . Apatite
- Δ arg . . . . . Argentite
- Δ As . . . . . Arsenic
- Δ asp . . . . . Arsenopyrite
- Δ asb . . . . . Asbestos
- Δ ba. . . . . Barite
- Δ be. . . . . Beryl
- Δ Bi. . . . . Bismuth
- Δ bn . . . . . Bornite
- Δ bran . . . . . Brannerite
- Δ bruc . . . . . Brucite
- Δ Cd . . . . . Cadmium
- Δ calc. . . . . Calcite
- Δ carb . . . . . Carbonate
- Δ cel . . . . . Celestite
- Δ cc. . . . . Chalcocite
- Δ cp. . . . . Chalcopyrite
- Δ ch. . . . . Chert
- Δ clay . . . . . Clay
- Δ Co . . . . . Cobalt
- Δ cob. . . . . Cobaltite
- Δ cb. . . . . Columbite
- Δ Cu . . . . . Copper
- Δ cor . . . . . Corundum
- Δ dol . . . . . Dolomite
- Δ ep. . . . . Epidote
- Δ ery . . . . . Erythrite
- Δ fel . . . . . Feldspar
- Δ fl . . . . . Fluorite (flurospar)
- Δ fu. . . . . Fuchsite
- Δ gn. . . . . Galena
- Δ gt. . . . . Garnet
- Δ goe . . . . . Goethite
- Δ Au . . . . . Gold
- Δ gf. . . . . Graphite
- Δ gl . . . . . Gravel
- Δ gyp. . . . . Gypsum
- Δ hem . . . . . Hematite
- Δ il . . . . . Ilmenite
- Δ Fe . . . . . Iron
- Δ IF. . . . . Iron Formation
- Δ jas . . . . . Jasper
- Δ kaol . . . . . Kaolinite (kaolin)
- Δ ky . . . . . Kyanite
- Δ Pb . . . . . Lead
- Δ lim . . . . . Limonite
- Δ Li. . . . . Lithium
- Δ mgst . . . . . Magnesite
- Δ mag . . . . . Magnetite
- Δ mc . . . . . Malachite
- Δ Mn . . . . . Manganese
- Δ mb . . . . . Marble
- Δ mar. . . . . Marcasite
- Δ ma . . . . . Marl
- Δ mi . . . . . Mica
- Δ ml . . . . . Millerite
- Δ mo . . . . . Molybdenite
- Δ Mo . . . . . Molybdenum
- Δ mon . . . . . Monazite
- Δ ne. . . . . Nephelite (nepheline)
- Δ nc. . . . . Niccolite
- Δ Ni. . . . . Nickel
- Δ Nb . . . . . Niobium
- Δ Pd . . . . . Palladium
- Δ peat . . . . . Peat
- Δ pent . . . . . Pentlandite
- Δ Pt. . . . . Platinum
- Δ py . . . . . Pyrite
- Δ pyl . . . . . Pyrochlore
- Δ pyrl . . . . . Pyrolusite
- Δ po . . . . . Pyrrhotite
- Δ q . . . . . Quartz
- Δ qcv . . . . . Quartz carbonate vein
- Δ ra. . . . . Radioactive minerals
- Δ RE . . . . . Rare Earths
- Δ sd. . . . . Sand
- Δ sgl . . . . . Sand and gravel
- Δ ss . . . . . Sandstone
- Δ scap . . . . . Scapolite
- Δ shee . . . . . Scheelite
- Δ serp . . . . . Serpentine
- Δ sh. . . . . Shale
- Δ sid . . . . . Siderite
- Δ si . . . . . Silica
- Δ Ag . . . . . Silver
- Δ sl . . . . . Slate
- Δ sm . . . . . Smaltite
- Δ sod . . . . . Sodalite
- Δ spec . . . . . Specularite
- Δ sp. . . . . Sphalerite
- Δ spd . . . . . Spodumene
- Δ staur . . . . . Staurolite
- Δ stib. . . . . Stibnite
- Δ st . . . . . Stone
- Δ talc. . . . . Talc
- Δ Te . . . . . Tellurium
- Δ td. . . . . Tetrahedrite
- Δ th. . . . . Thorite
- Δ Th . . . . . Thorium
- Δ thuc . . . . . Thucholite
- Δ ti . . . . . Titanite
- Δ Ti. . . . . Titanium
- Δ tour . . . . . Tourmaline
- Δ trap . . . . . Trap rock
- Δ W. . . . . Tungsten
- Δ uran . . . . . Uraninite
- Δ U . . . . . Uranium
- Δ verm . . . . . Vermiculite
- Δ Y . . . . . Yttrium
- Δ Zn . . . . . Zinc
- Δ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

McAREE TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Midas Mines Limited	Au	MDIR K0330	MRC #12, p.188 Map P.242	ODM Report 1932, Vol. XLI, p.26, Part VI

GDIF FORM NO. 1

McAREE TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SIOUX LOOKOUT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
A*	C. Morton 52 K/01 SW-0028										69									
B	Canadian Nickel C.L. 52 F/16 NW-0017-C1				70															
C	Tarbush Lode M.L. 52 F/16 NW-0021-B1				82	82														
D	Tarbush Lode M.L. 52 F/16 NW-0022-B1				80															
E	Pacemaker Petroleum 52 F/16 NW-0038-A1											51					51			
F	Conwest Exploration C.L. 52 F/16 NW-0044-B1	51			51															
G	Tarbush Lode M.L. 52 F/16 NW-0045-B1											80								
H	Canadian Nickel C.L. 52 F/16 NW-0046											71								
I	Sulpetro Minerals L. 52 F/16 NW-0047											81	81							

GDIF FORM NO. 2

*These codes refer to coding used on Index Fiche for 52 F/16 SW and G.D.I.F. location map for McAree Twp.

NCARE TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SIOUX LOOKOUT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
J	Tarbush Lode Mine L. 52 F/16 NW-0049	81																		
L	Tarbush Lode Mine L. 52 F/16 NW-0058											81								
N	Porcupine Peninsular 52 F/16 SW-0010				50	50														
O	Rivers Option 52 F/16 SW-0011-A1				60															
P	Canadian Nickel C.L. 52 F/16 SW-0011-D1				71															
Q	Geophysical Engineering 52 F/16 SW-0012-A1				77								76							
AA	Asarco Exploration C. of Canada L. 52 F/16 SW-0016-A1				70	70														
AB	Porcupine Peninsular 52 F/16 SW-0016-C1				50															
AJ	Nova-Co Exploration L. 52 F/16 SW-0020	80	80			80						80								

GDIF FORM NO. 2

5

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SIOUX LOOKOUT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	52 F/16 NW Fiche Index Code		
AM	Beth-Canada M.C. 52 F/16 SW-0023								78											
AN	Beth-Canada M.C. 52 F/16 SW-0024									78										
AY	Orlac Red Lake M.L. 52 F/16 SW-0031-A1	51										51								
ZA**	Goldlund Mines L. 52 F/16 NW-0048											81	81					CN*		
ZB**	Goldlund Mines L. 52 F/16 NW-0037-C1	83																BW*		
ZC**	Wilkinson, D. 52 F/16 NW-0028-A1			77														AZ*		
ZD**	Conwest Exploration C.L. 52 F/16 NW-0037-A1	50			50	50												BU*		
ZE**	Beth-Canada M. C. 52 F/16 NW-0019-D1				79	79												AF*		
ZF**	Consolidated Ansley 52 F/16 NW-0036-B1	50										50						BT*		

*Fiche are defined by NTS Code. The index codes used here are those shown on Index Fiche 52 F/16 NW.

**Codes shown here refer to G.D.I.F. location map for McAree Township only.

TYPE OF WORK	Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SIOUX LOOKOUT COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	52 F/16 NW Fiche Index Code		
ZG**Windfall Oils & Mines L. 52 F/16 NW-0053												70					CS*		
ZH**Selco Mining C.L. 52 F/16 NW-0043											76	76					CG*		
ZI**Wilkinson, D. 52 F/16 NW-0018-B1				76													Z *		
ZJ**Ronayne Exploration L. 52 F/16 NW-0044-A1											47						CH*		
ZK**Frederick Mining and Development L. 52 F/16 NW-0039-B1											50						CA*		
ZL**Conwest Exploration C.L. 52 F/16 NW-0018-D1				50	50												AB*		
ZM**Selco Exploration C.L. 52 F/16 NW-0018-A1				71													Y *		

* Fiche are defined by NTS Code. The index codes used here are those shown on Index Fiche 52 F/16 NW.

** Codes shown here refer to G.D.I.F. Location Map for McAree Township Only.

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden in feet	Total Length of Hole in feet	Mineralization Noted in Log	Assay Data Included for
1	Canadian Nickel C.L.	42734-0	Apr/70	180	-50	44	530	py,po,cp	--
2		42735-0	Apr/70	360	-50	66	461	py,po,cp,sp	--
3		42736-0	Apr/70	360	-50	75	482	py,po	0-60muskeg
4		42737-0	May/70	90	-50	80	371	py,po	--
5		42738-0	May/70	90	-50	135	531	py,po,sp,cp	--
6		48548-0	Oct/71	360	-45	6	155	py,po,cp	--
7	Asarco Exploration C. of Canada L.	71	Jun/70	?	45W	17	205	py,gf	Cu,Pb,Ni
8		72	Jun/70	?	45W	46	225	py,cp,mag,po	Cu,Pb,Ni
9		72-A	Jun/70	?	45W	72.4	160	py,gf	Cu,Pb,Ni
10	Conwest Exploration L.	W-1	Aug/50	125	-45	18	613.5	py,po	
11		W-2	Sep/50	125	45	31	701.3	--	--
12		W-3	Sep/50	125	45	5.3	329.3	--	--
13		W-4	Sep/50	95	-45	37.5	649.7	--	--
14		W-5	Sep/50	125	-45	12	528	--	--
15	Porcupine Peninsular Gold Mine	P-1	Jul/50	220	-50	50	733	--	--
16		P-2	Aug/50	118	-50	140	907	py	--
17		P-3	Sep/50	118	-50	10	367	--	--

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled COMPLETED	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden IN FEET	Total Length of Hole IN FEET	Mineralization Noted in Log	Assay Data Included for
18	Porcupine Peninsular Gold Mine	P-8	Nov/50	140	-50	12	950	py,cp,po	--
19		P-9	Nov/50	93	-50	10	540	py	Au
20		P-10	Dec/50	230	-50	4.0	246.6	py	--
21	Rivers Option	1	Sep/60	247	-45	0	284.7	--	--
		2	Sep/60	247	-45	5.0	308	--	--
		3	Sep/60	247	-45	5.0	305	--	--
		4	Sep/60	247	-45	6.0	498.5	--	--
		5	Oct/60	247	-45	5.0	416.0	--	--
		6	Oct/60	247	-45	17.5	505	--	--
		7	Oct/60	247	-45	17	405.7	--	--
22	Wilkinson, D.	1	1976	360	?	23	497	py,po,mag	--
23	Geophysical Engineering Limited	UU8	Jul/77	140	50	59	308.5	py	--
24		UU9	1977	320	50	40.0	213	py,po	--
25	Beth-Canada Mining C.	79-01	Jul/79	205	-50	28.8m	130.5m	py,po,cp,gf	Cu,Pb,Zn, Ag,Au
26		79-02	Jul/79	205	-50	9.8m	104.3m	py,cp,po	Cu,Pb,Zn Ag,Au

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled Completed	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden in feet	Total Length of Hole in feet	Mineralization Noted in Log	Assay Data Included for
27	Beth-Canada Mining C.	8	Sep/79	125	-50	18.6m	141.2m	po,py	--
28	Tarbush Lode Mining C.	T-80-1	Nov/80	225	-45	4	505	py,po,cp,ep mag	--
		80-T-5	Aug/82	135	45	38	300	py	Au
		82-T-6	Aug/82	135	45	7	191	py	--
29		80-T-2	Nov/80	225	-45	36	485	py,po,ep,mag	--
		82-T-7	Sep/82	135	45	37	410	cp,py,sp,il	Au
30		T-3	1980	225	-45	4	403	py,cp,po,ep	
31		81-T-4	Aug/82	135	45	10	313	py	Au
32	Selco Exploration L.	271P-1	Aug/71		45	22	169	py,sp,gf	--
33		271P-2	Aug/71		45	15	104	py,po,cp,sp	--
34	Porcupine Peninsular	P-4	Sep/50	105	-50	5	586	--	Au
35		P-5	Oct/50	236	-50	10	808	--	--
36		P-6	Oct/50	122	-50	15	886	--	--
		P-7	Oct/50	302	-50	20	888	--	--

GDIF FORM NO. 3

McAREE TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
All	By: Spartan Air Services L. For: ODM-GSC	Magnetic Map 1146G 1"=1 mile Map 7105G 1"=4 mile	500'	N/S	1/2 mile
All	By: Terra Surveys L.,et al For: OGS -GSC	Gamma-Ray Spectrometry Maps P.1460-1466, P.1489, P.1490 Scale 1:250,000	400'	N/S	3 miles
A	By: Oja Limited For: Coleman Morton	Radiometric	150'	N/S	330'
AM	By: Questor Surveys L. For: Beth-Canada Mining	Magnetic	400'	E/W	660'
AN	By: Questor Surveys L. For: Beth-Canada Mining	Electromagnetic	400'	E/W	660'

GDIF FORM NO. 4

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
1	Humus	Ag,Au,As	Nova-Co Exploration (Claim Holders) Derry, Michener and Booth (Survey C.)	Resident Geologist Office File 52 F/16 SW(31)

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sioux Lookout

Windfall
Nova-Co
Hollinger
Camreco
Conecho
Windward

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
	Sandybeach Lake Syndicate	LII		181
	Windward Gold Mines Limited	LX		77
	Windward Gold Mines, Limited	LXI	I	78
	Windward Gold Mines Limited	LXII		84

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Blackburn, C.E. Beard, R.C. Rivett, Scott James, D.G. & Assts.	1973 to 1978	Geological Compilation Series, Ontario Geological Survey, Kenora-Fort Frances Sheet	2443	1"=20 miles 1:1 267 200
Breaks, F.W. Bond, W.D. Harris, N. Waterman, C.J. Desyoyers, D.W.	1976	Operation Kenora-Ear Falls, Sandybeach/ Route Lakes Sheet, District of Kenora, Ontario Division of Mines, Preliminary Map, Geological Series. Geology 1975.	P.1204	1"=1 mile 1:63 360
Chisholm, E.	1951	Recent Activities in the Sioux Lookout Area	Preliminary Report	
GAC, Blackburn, C.E. Breaks, F.W. Edwards, G.R. Paulson, K.H. Trowell, N.F. Wood, J.	1982	Stratigraphy and Structure of the Western Wabigoon Subprovince and its Origins, Northwestern Ontario (Kenora Files)	Field Trip 3	p.105
Gordon, J.B.	1977	Gold Deposits of Ontario, West Central Sheet, Districts of Kenora (Patricia Portion), Thunder Bay, Algoma and Cochrane. OGS Preliminary Map, Mineral Deposits Series, Compiled 1974, 75 and 76.	P.1227	1"=16 miles 1:1 013 760
Hearst, M.E.	1932	Geology of the Sioux Lookout Area, Accompanied by Map No. 41h.	ODM Annual Report, Vol. XLI, Part VI	1"=1 mile p.33
Monenco Ontario L.	1981	Evaluation of the Potential of Peat in Ontario. Map on page 173.	Occasional Paper No. 7	

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
OGS Trowell, N.F. Blackburn, C.E. Edwards, G.R.	1980	Savant Lake-Crow Lake Metasedimentary Belt Northwestern Ontario and its Bearing Upon Mineral Exploration (Kenora Files)	MP89	p.30
OGS Beard, R.C. Barratt, G.L.	1976	Gold Deposits of the Kenora-Fort Frances Area	MDC #16	p.46
OGS Roed, M.A.	1980	Wabigoon Lake Area, Kenora District	NOEGTS Map 5059 Study 22	
OGS	1965	Ontario Department of Lands & Forests, Kenora, Rainy River Surficial Geology	M. S165 Geological Coloured Map	1"=8 miles
Roberts, J.S. Vos, M.A. Springer, J.S.	1976	Mineral Potential Map of Ontario, West Central Sheet, Ontario Division of Mines, Mineral Deposits Series, Compiled 1972/73/75.	P.1098	1"=16 miles 1:1 013 760
Satterly, J.	1958	Department of Mines Ontario, Geological Map of the Province of Ontario	No.1958B	1"=20 miles 1:1 267 200
Speed, A.A. Maxwell, G.J.	1980	Sandybeach Lake Area, District of Kenora, OGS Map, Sioux Lookout Data Series, Compiled 1979.	P.2334	1"=1/4 mile 1:15 840
Springer, J.S.	1978	Ontario Mineral Potential, Dryden Sheet, Districts of Kenora and Rainy River, OGS Preliminary Map, Mineral Deposits Series, Compilation 1977-78	P.1530	1"=4 miles 1:250 000

GDI+ FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Tanton, T.L.	1939	Kenora Sheet, Geological Series, Ontario Department of Mines	266A	1"=8 miles

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO.9

NOTES AND ADDENDA

Aerial Photograph Index

Scale: 1"=1/4 mile 1:15 840

Year	Line	Numbers	
1965	4936	163-167	170-174
1975	4936	157-164	
1965	4935	194-201	
1965	4934	82-89	
1975	4933	116-122	

Scale: 1"=2 miles 1:267 200

821506	27-29

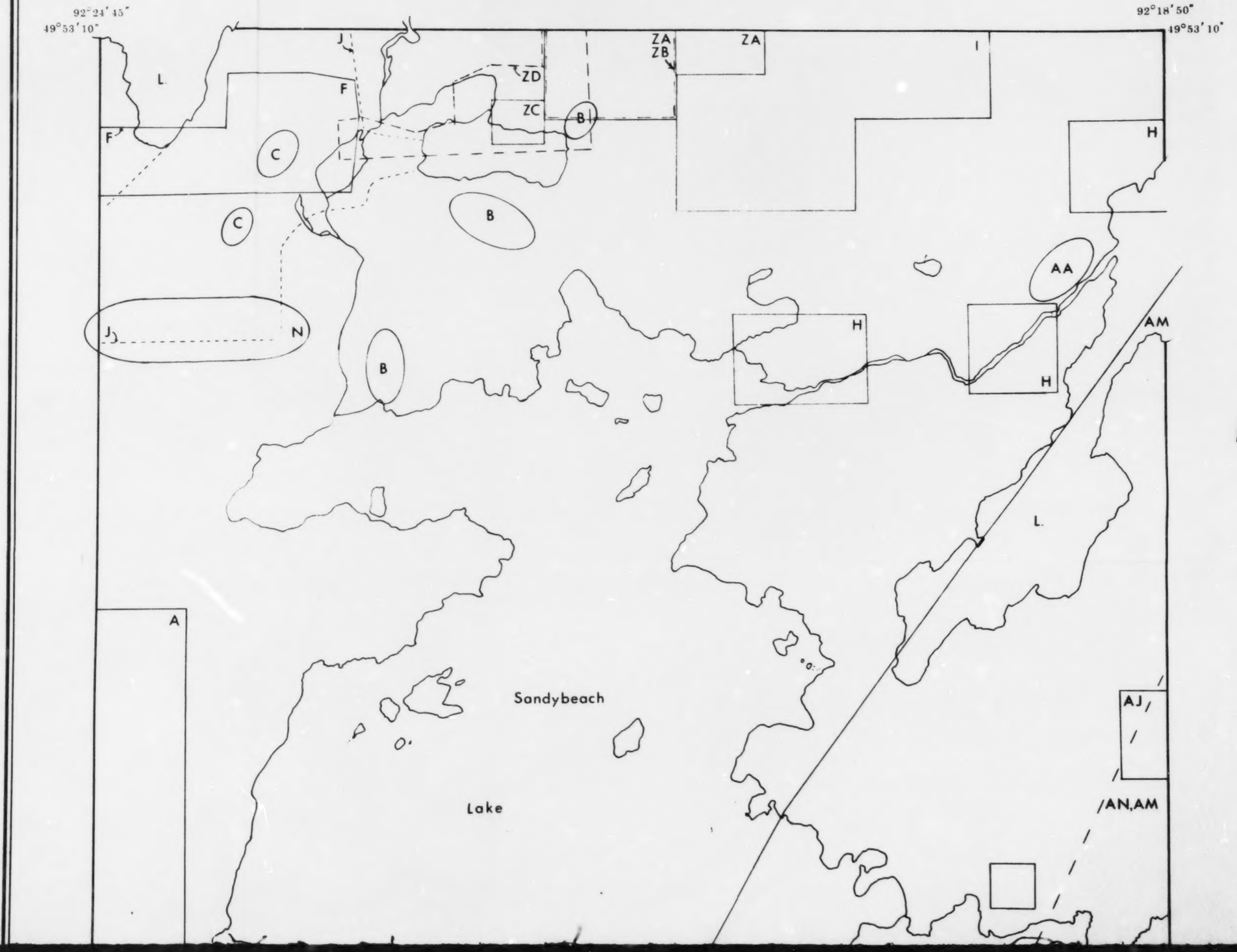
District Office Files:

Year	Line	Numbers
1982	4934	209-221
1982	4935	48-60
1982	4936	12-23

F.R.I. (Road Cutting Areas)

92°24'45"
49°53'10"

92°18'50"
49°53'10"



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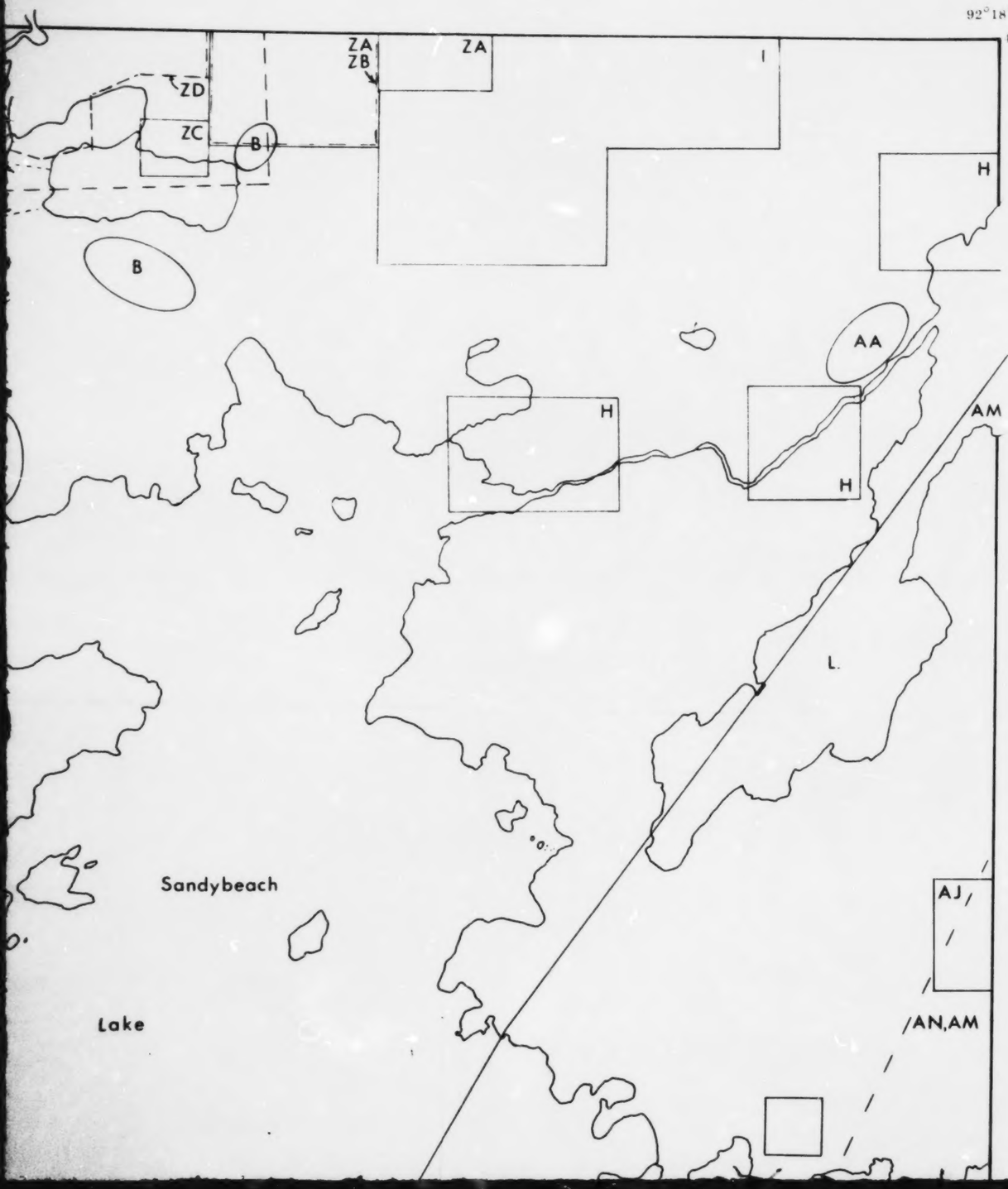

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David Hobbs
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 219

(Map 1 of 3)

McAREE TOWNSHIP

DISTRICT OF KENORA

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

EXPLORATION DATA FILE AREAS

☒ ① ⑥ Reference letter is always inside work area outlined. See listing in text pages.

☐ x ④ Small area of exploration.

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Sandybeach
Lake
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/AN,AM
AM
/AN,AM
L.
49°48'00"
92°24'45"
49°48'00"
92°18'50"

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ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 219

(Map 1 of 3)

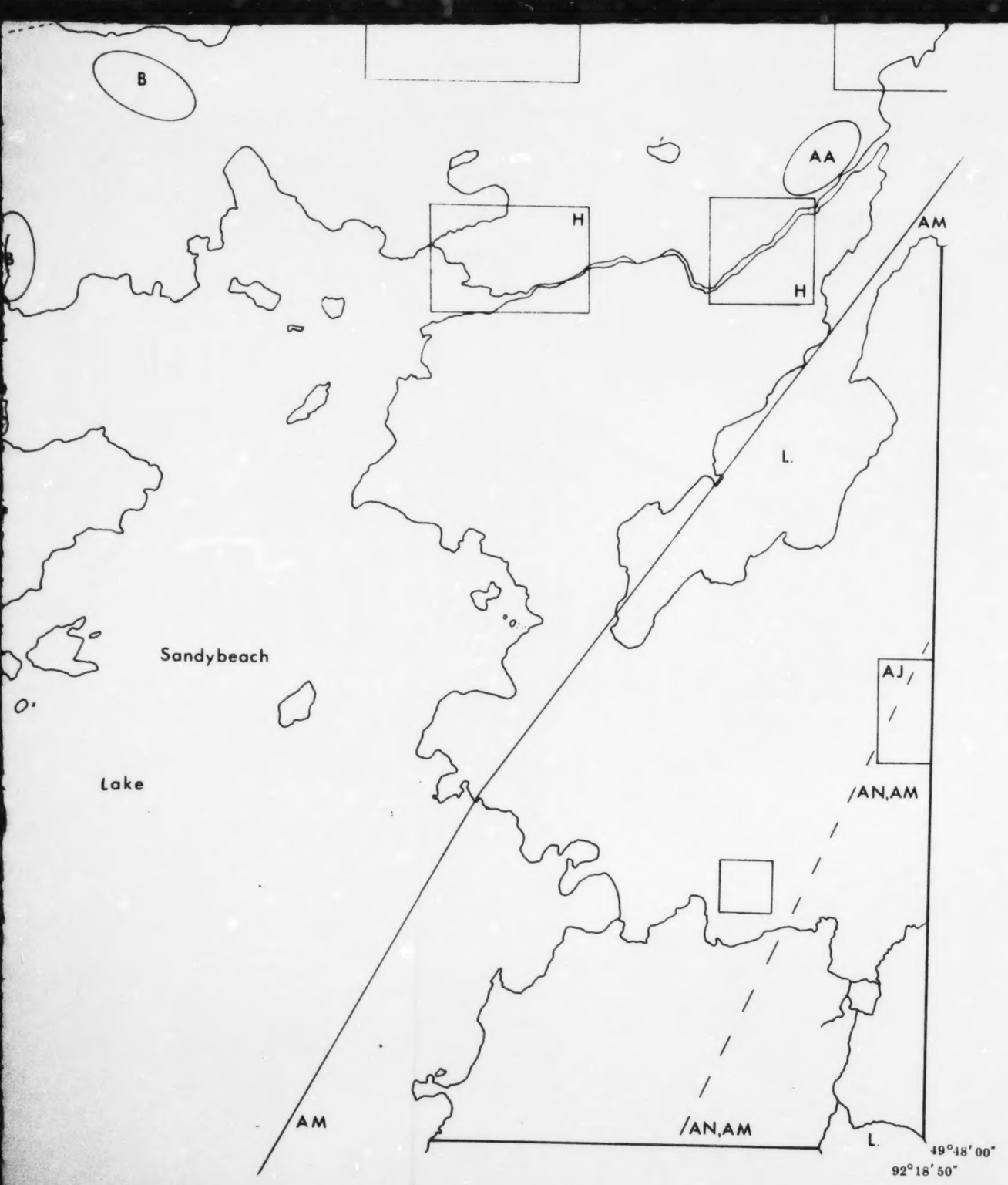
McAREE TOWNSHIP

DISTRICT OF KENORA

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre



EXPLORATION DATA FILE AREAS

Reference letter is always inside work area outlined. See listing in text pages.

Small area of exploration.

92°24'45"
49°53'10"

92°18'50"
49°53'10"

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ONTARIO GEOLOGICAL S

PROPERTY LOCATIO
GEOLOGICAL DATA INVENTO

(Map 2 of 3)

McAREE TOV

DISTRICT OF KENO

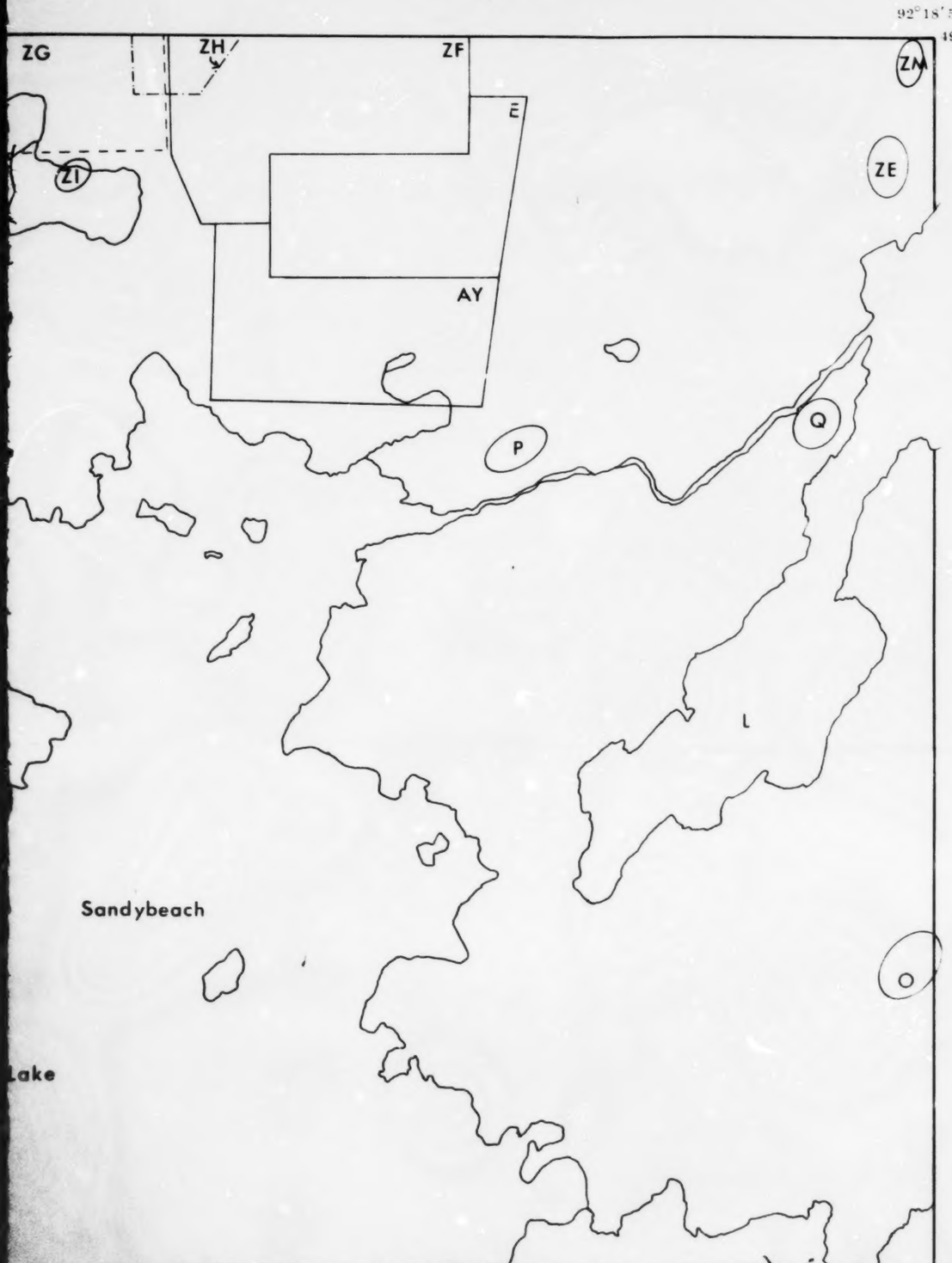
Scale 1:31 680

Mile 0.5 0 0
Kilometre 0.5 0 0.5

EXPLORATION DATA

Reference letter is always
See listing in text pages.

Small area of exploration.



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ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP
GEOLOGICAL DATA INVENTORY FOLIO 219

(Map 2 of 3)

McAREE TOWNSHIP

DISTRICT OF KENORA

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

EXPLORATION DATA FILE AREAS

☒ ① ⑥ Reference letter is always inside work area outlined
See listing in text pages

☐ x ④ Small area of exploration

☐

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ONTARIO GEOLOGICAL

PROPERTY LOCATIO
GEOLOGICAL DATA INVENT

(Map 2 of 3)

McAREE TOV

DISTRICT OF KEN

Scale 1 31 68

Mile 0.5 0

Kilometre 0.5 0 0.5

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P

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L

Sandybeach

Lake

L

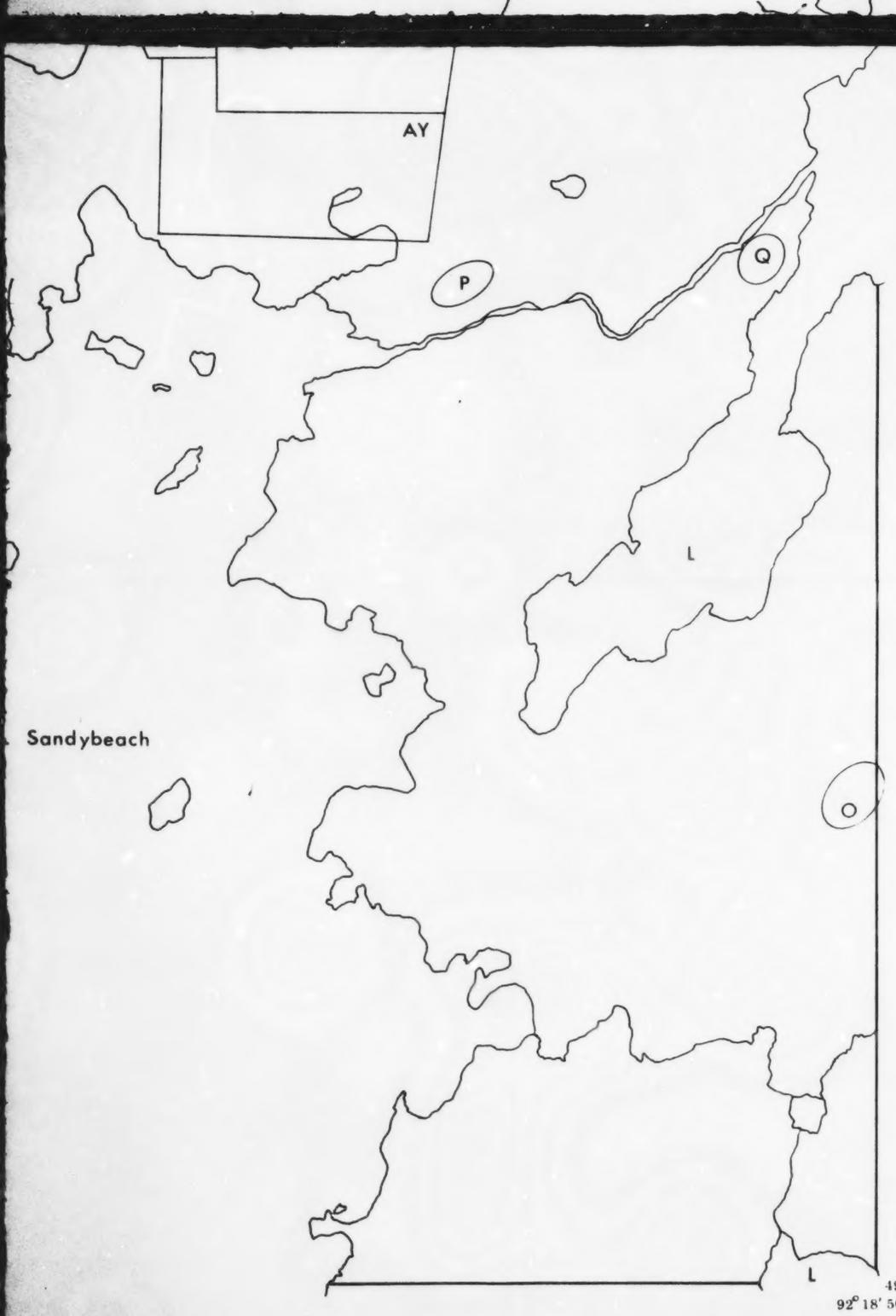
49°48' 00"
92°24' 45"

49°48' 00"
92°18' 50"

EXPLORATION DATA

Reference letter is always
See listing in text pages

Small area of exploration



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ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 219

(Map 2 of 3)

McAREE TOWNSHIP

DISTRICT OF KENORA

Scale 1 31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

EXPLORATION DATA FILE AREAS

☒ ① ⑤ Reference letter is always inside work area outlined
See listing in text pages

☐ x ④ Small area of exploration

☐

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ☒ Geochemical sample site, with reference number
- ☐ Area of geochemical sampling, with reference number
- ☐ Age dating material sampling site, with reference number
- ☐

GEOPHYSICAL ANOMALIES

- ☒ AM — Airborne Magnetometer Anomaly
- ☐ Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- ☐ ARA — Airborne Radiometric Anomaly
- ☒ M — Ground Magnetometer Anomaly
- ☒ VL — Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM
  Crone EM - 16)
- ☐ RA — Ground Radiometric Anomaly
- ☐ IP — Induced Polarization Anomaly
- ☐ SP — Self Potential Anomaly
- ☐ AFMAG — Audio-frequency magnetometer anomaly
  (total intensity)
- ☐ R — Resistivity Anomaly
- ☐ GR — Gravity Anomaly
- ☐

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐ Rock quarry
- ☐ Sand and/or gravel pit
- ☐

92°24'45"
49°53'10"

92°18'50"
49°53'

Crossecho Lake

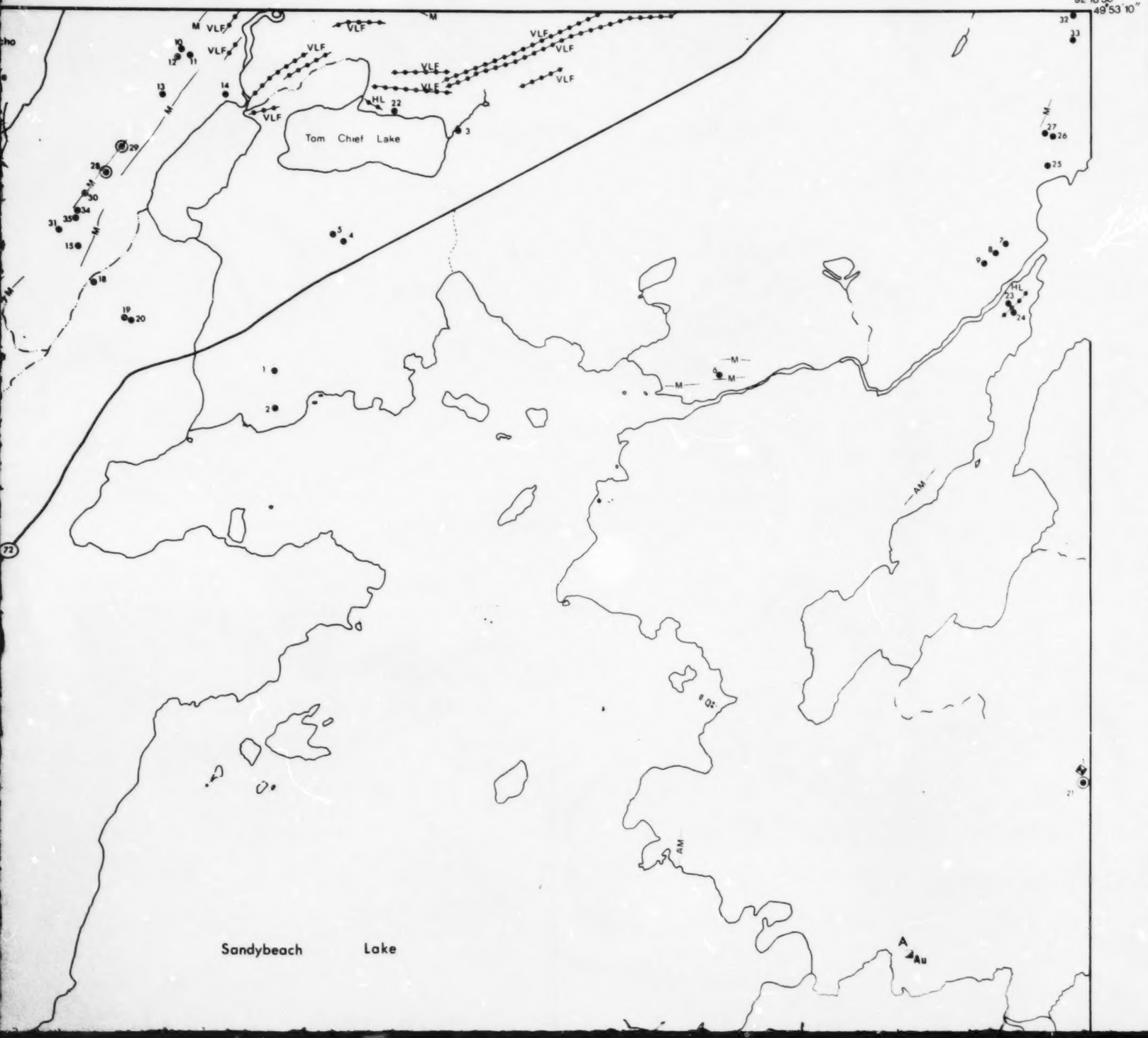
Tom Chief Lake

Sandybeach Lake

72

VLF · M · HL · AM · RA · IP · SP · R · GR

A Au



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ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 219

(Map 3 of 3)

McAREE TOWNSHIP

DISTRICT OF KENORA

Scale 1:31 680

M 0.5 0 0.5 1 Mile

1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized Float, with reference letter

DRILL HOLES

- 2 — Location of single drill hole, with reference number
- 2 — Location of closely spaced group of drill holes, with reference number
- ?2 — Drill hole, exact location uncertain, with reference number
- Property with underground drill holes in this general area, with reference number

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- Airborne Radiometric Anomaly
- Ground Magnetometer Anomaly
- Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM
  Crone EM - 16)
- Ground Radiometric Anomaly
- Induced Polarization Anomaly
- Self Potential Anomaly
- Audio-frequency magnetometer anomaly
  (total intensity)
- Resistivity Anomaly
- Gravity Anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations

Sandybeach Lake

49°48'00"
92°24'45"

49°48'00"
92°18'50"

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 219

(Map 3 of 3)

McAREE TOWNSHIP

DISTRICT OF KENORA

Scale 1 31 680

1 Mile

1 Kilometre

Sandybeach Lake

49°48'30"
92°18'50"

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized F.Cat. with reference letter

DRILL HOLES

- ●² — Location of single drill hole, with reference number
- ◉² — Location of closely spaced group of drill holes, with reference number
- (?)² — Drill hole, exact location uncertain, with reference number
- Property with underground drill holes in this general area, with reference number
- ○² — Property with drill holes which have not been plotted on map, with reference number
- ⊕² — Reverse Circulation Drill Hole, Churn drilling, with reference number